

Message

From: Robinson, Valois [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A4217A71307D4429B7BDC7C80EB40C7D-SHEA, VALOIS]
Sent: 2/7/2020 8:21:16 PM
To: Shari Ring [Shari.Ring@cadmusgroup.com]
Subject: RE: A few edits

Thanks very much!

Valois

Valois Robinson
U.S. EPA Region 8
MailCode: 8WD-SDU
1595 Wynkoop Street
Denver, CO 80202-1129
Phone: (303) 312-6276
Fax: (303) 312-6741
Email: robinson.valois@epa.gov

From: Shari Ring <Shari.Ring@cadmusgroup.com>
Sent: Friday, February 7, 2020 1:12 PM
To: Robinson, Valois <Robinson.Valois@epa.gov>
Subject: A few edits

Hi Valois,

Attached are a few editorial changes to the EJ document and CEA. I didn't do a systematic check, but noticed a few as I was reading, and it only took a few minutes to mark up the electronic files.

Also, the last page of the AE ROD mentions two (not three) options for addressing Well 16.

Have a great weekend!

From: Robinson, Valois <Robinson.Valois@epa.gov>
Sent: Thursday, February 6, 2020 5:49 PM
To: Shari Ring <Shari.Ring@cadmusgroup.com>
Subject: RE: [EXT] RE:How about this reference?

Yes. All the rest of the documents will be updated.

I'm so shocked you found typos! We weren't at all frantic about trying to get them out by a deadline!

Please do send them to me.

Thanks!

Valois

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From: Shari Ring <Shari.Ring@cadmusgroup.com>
Sent: Thursday, February 6, 2020 3:47 PM
To: Robinson, Valois <Robinson.Valois@epa.gov>
Cc: MaryEllen.Tuccillo@cadmusgroup.com
Subject: Re: [EXT] RE:How about this reference?

That's good to know.

Will any documents be updated? I ask because, in the course of reading, I've found some typos (that I couldn't help but mark ☺). Should I share any of them?

Shari Ring
The Cadmus Group
703.247.6159

From: Robinson, Valois <Robinson.Valois@epa.gov>
Sent: Thursday, February 6, 2020 5:14:48 PM
To: Shari Ring <Shari.Ring@cadmusgroup.com>
Cc: Mary Ellen Tuccillo <maryellen.tuccillo@cadmusgroup.com>
Subject: RE: [EXT] RE:How about this reference?

We are not going to be updating the fact sheets. I didn't realize that until just recently.

Valois

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From: Shari Ring <Shari.Ring@cadmusgroup.com>
Sent: Thursday, February 6, 2020 3:11 PM
To: Robinson, Valois <Robinson.Valois@epa.gov>
Cc: MaryEllen.Tuccillo@cadmusgroup.com
Subject: Re: [EXT] RE:How about this reference?

Thanks. I'll take a look. I think if they work, we just need to be sure they get in the administrative record.

Do you envision updating the fact sheet? If so, that would "cover" the response document.

Shari Ring
The Cadmus Group
703.247.6159

From: Robinson, Valois <Robinson.Valois@epa.gov>
Sent: Thursday, February 6, 2020 4:03:26 PM
To: Shari Ring <Shari.Ring@cadmusgroup.com>
Cc: Mary Ellen Tuccillo <maryellen.tuccillo@cadmusgroup.com>
Subject: [EXT] RE:How about this reference?

How about this reference?

I came across this Hincks et al. 2018. I think it would be expedient to use it. It provides injection volume info and a good summary of the pertinent facts we want to include.

Valois

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From: Shari Ring <Shari.Ring@cadmusgroup.com>
Sent: Thursday, February 6, 2020 8:07 AM
To: Robinson, Valois <Robinson.Valois@epa.gov>
Cc: MaryEllen.Tuccillo@cadmusgroup.com
Subject: RE: [EXT] I think I found the document you mentioned...

Based on a skim of the table of contents and a word search of the TWG paper, I don't think it provides an in-depth evaluation of injection rates in Oklahoma wells-- and that may not be a feasible thing, as there were so many wells. But, based on a quick search of the OK Geological Survey's web site, I found the attached statement, which basically says there was a dramatic

increase in the volumes injected and it was above the basement. So, I propose adding the paragraph below to the RtC - the black text is taken from the Class V fact sheet and I added the red text this morning.

Ex. 5 Deliberative Process (DP)

From: Robinson, Valois <Robinson.Valois@epa.gov>
Sent: Wednesday, February 5, 2020 10:48 AM
To: Shari Ring <Shari.Ring@cadmusgroup.com>
Subject: [EXT] I think I found the document you mentioned...

Hi Shari-

I found this 415-page document (including the cover memo) released Feb 6, 2015 that looks like the document you mentioned:

Distribution of Final Work Product from the National Underground Injection Control (UIC) Technical Workgroup- *Minimizing and Managing Potential Impacts of Injection-Induced Seismicity from Class II Disposal Wells: Practical Approaches*.

Valois

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